

John L Largier is interested in how water motions connect people and ecosystems in the coastal ocean, bays and estuaries. Geographically, Dr. Largier focuses on upwelling areas, mostly in California but also in Chile, Spain, South Africa, and Mexico. Common across these regions is wind-driven coastal upwelling and highly seasonal winter runoff from the land. His work is integrative, linking not only disciplines but also the interaction of upwelling and runoff in controlling water quality and shaping ecosystems along the coast of California and in comparable regions. His work is motivated by environmental challenges – how to sustain human well-being on our earth. Professor Largier has been at the University of California Davis since 2004, where he teaches oceanography and environmental science. He is based at the Bodega Marine Laboratory. He held prior positions at Scripps Institution of Oceanography and the University of Cape Town (South Africa). He has conducted research and advised government agencies on marine protected areas, beach pollution, coastal zone management, climate change, mariculture, wastewater discharge, ocean observing systems, nutrient pollution, marine mining, hypoxia, harmful algal blooms and energy issues. He has published 130 research papers, with an h-index of 36. He is a member of numerous advisory groups and in 2012 was awarded the Distinguished Scholarly Public Service Award at UC Davis. He is an Aldo Leopold Leadership Fellow and was the 2008 Riley Memorial Lecturer at University of Dalhousie. Dr. Largier is a member of several academic societies and past-president of the California Estuarine Research Society.